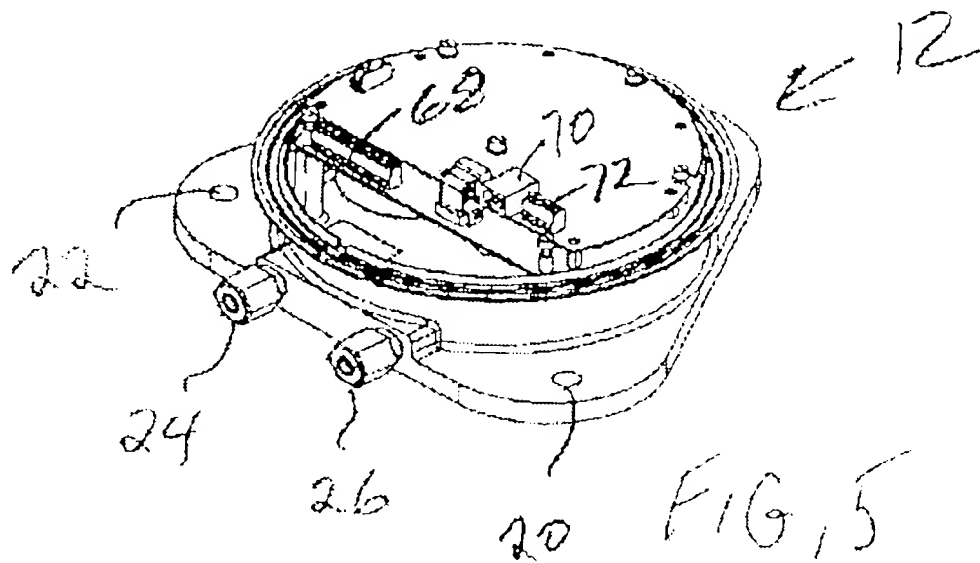
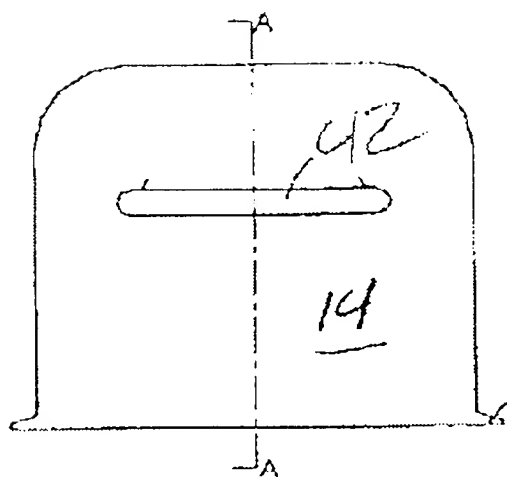


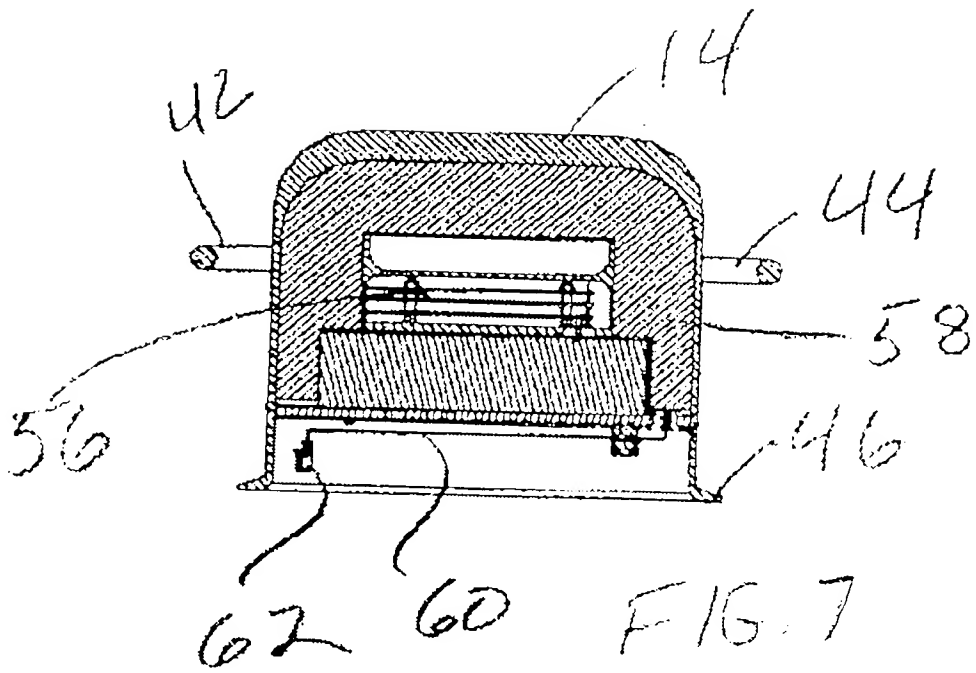
FIG. 4





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FIG. 6



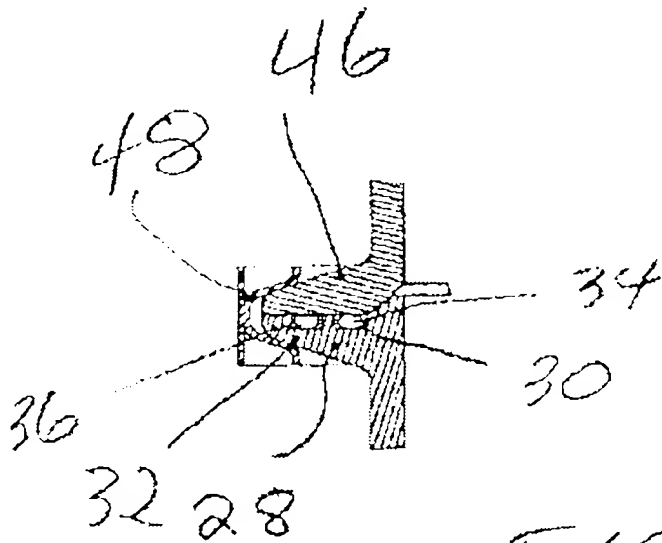


FIG. 8

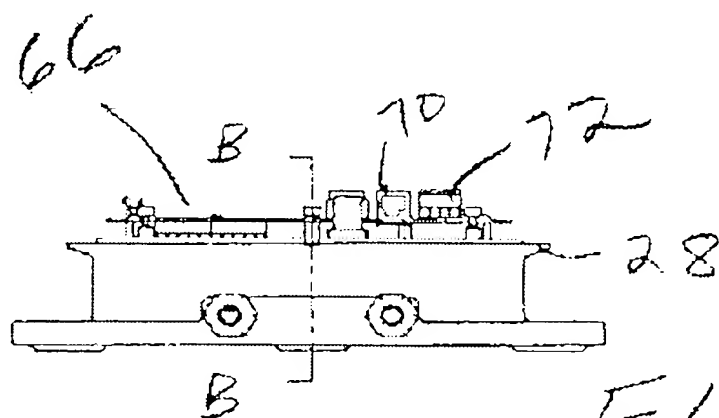


FIG. 9

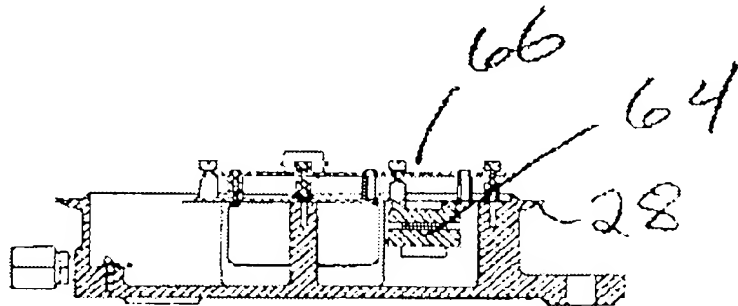
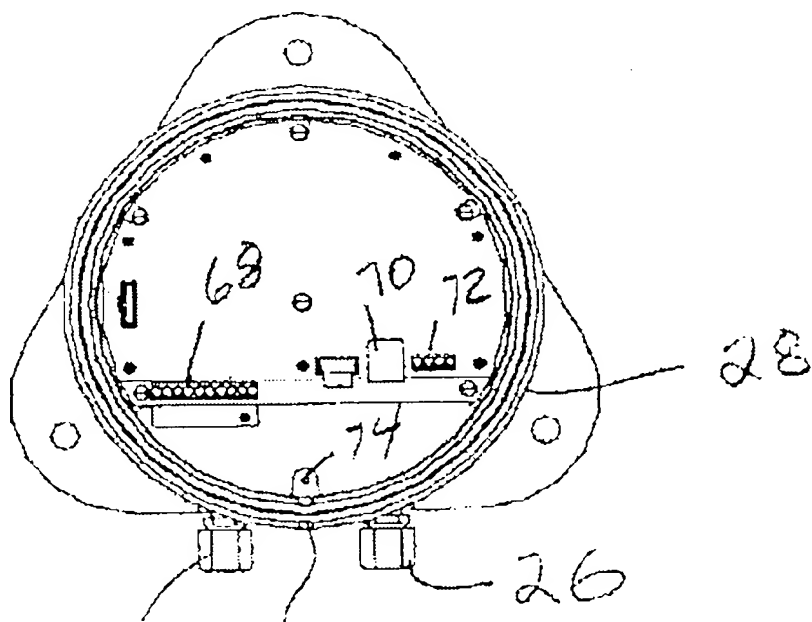


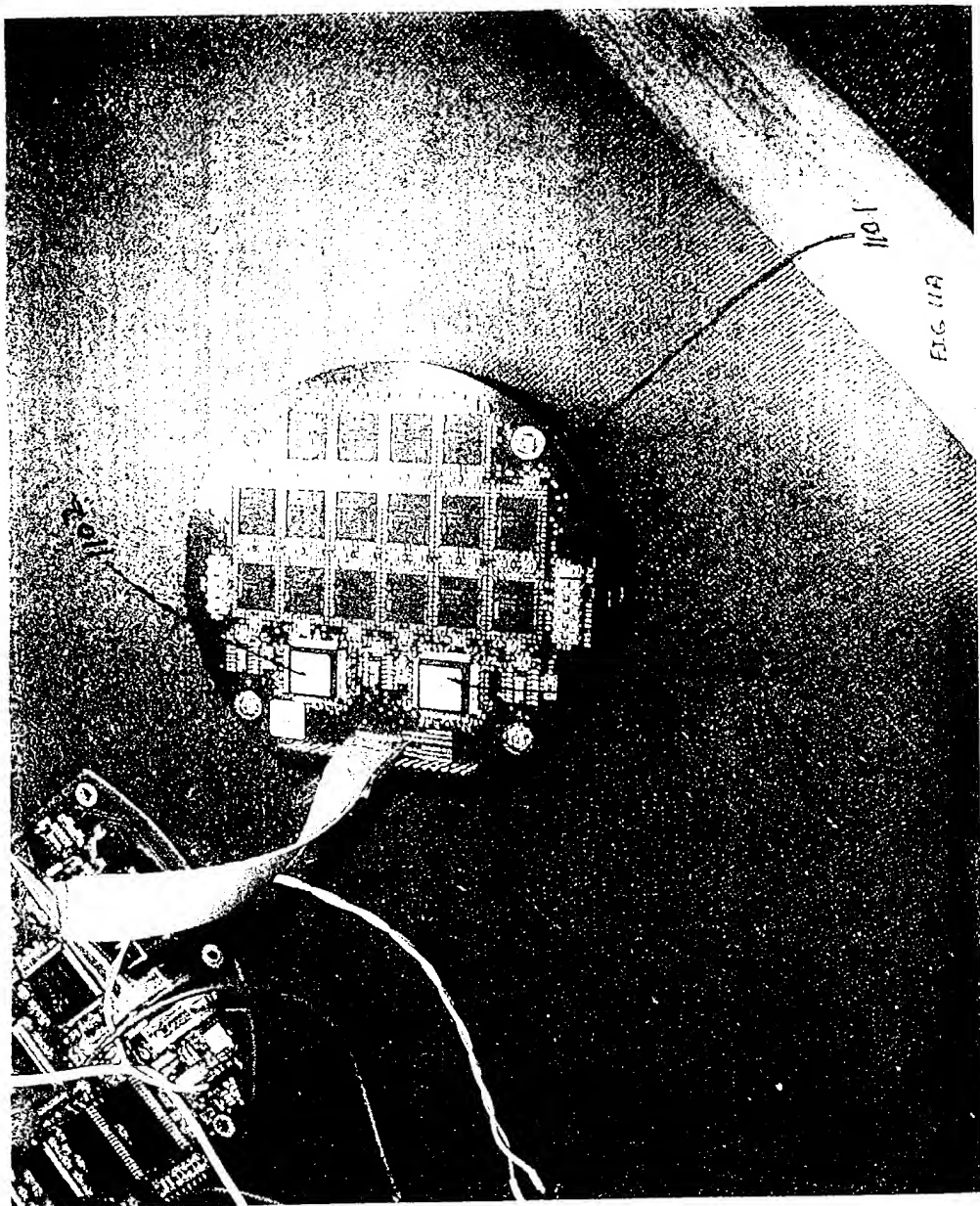
FIG. 10



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FIG. 11



HVR Web Interface

Home

Network Setup

Flash Setup

Sys Maintenance

Sys Information

Set Password

HVR Interface

The HVR Solid State Recorder utilizes proven aircraft technology to provide storage capacity exceeding 12 hours of radar, sensor, and audio data. The final recording medium is stored in a protective capsule within the HVR that is fitted with an Underwater Locator Beacon (ULB) in aid in locating the recorder in the event of a catastrophic incident. The HVR will be located in the vicinity of the bridge on the external deck area of a vessel so as to maximize the probability of its survival and recovery following an incident.

The HVR is designed to meet or exceed the following IEC test specifications:

- F Shock - 11 millisecond duration or 50g
- F Penetration - 3m, 250 kg drop test
- F Fire - 1100 C for 1 hour / 260 C for 10 hours
- F Deep Sea Immersion - 30 days at 6 000m of depth

F 16 . 12

Login Screen

Home

Network Setup

Flash Setup

Sys Maintenance

Sys Information

Set Password

HVR Interface

Administrator Access

Enter Password:

FIG. 13

Network Setup

Home

Network Setup

Flash Setup

Sys Maintenance

Sys Information

Set Password

HVR Interface

Parameter	Current Value	New Value
HVR IP Address	192.168.0.2	
HVR Subnet Mask	255.255.255.0	
Default Gateway IP	192.168.0.1	
Session Time-out (Seconds)	300 seconds	

Submit

FIG. 14

Update Devices

Home

Network Setup

Flash Setup

Sys Maintenance

Sys Information

Set Password

HVR Interface

HVR Memory Partition Configuration

Total Devices in Crash Module

96

Number of Bytes Per Device

16777216

Currently Unassigned Devices

0

Update Device Allocations and Stream Names

Position	Devices	Devices	Stream Name	Stream Name
0	16		Stream_0	
1	16		Stream_1	
2	16		Stream_2	
3	16		Stream_3	
4	16		Stream_4	
5	16		Stream_5	
6	0		Stream_6	
7	0		Stream_7	
8	0		Stream_8	
9	0		Stream_9	

Submit Changes

FIG. 15